EPSON®

PhotoPC® 850Z

2 MEGAPIXEL ZOOM DIGITAL CAMERA

Quick Reference Guide

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Torrance, California, USA

CPD 9249
9/99

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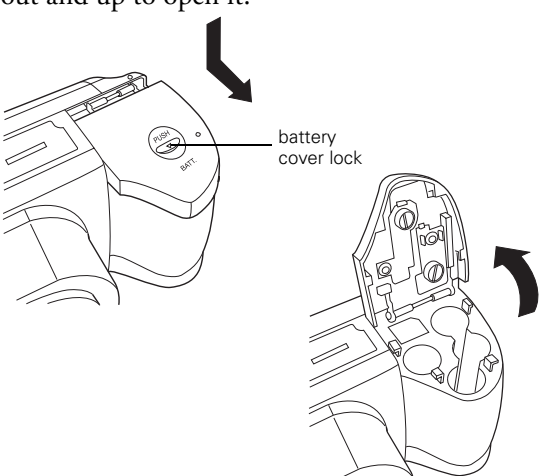
This book provides a quick reference to using your camera. It covers the camera's basic features and includes helpful tips for taking pictures in various locations.

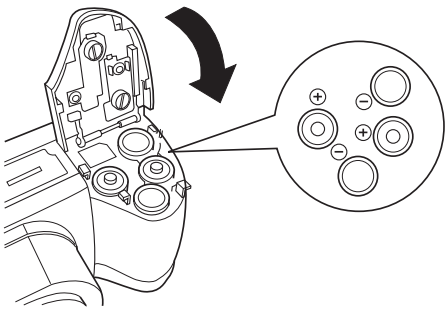
Installing Batteries

Your camera includes a battery charger and a set of new, uncharged batteries. See your *User's Guide* for battery charging instructions, then follow these steps to install the charged batteries:

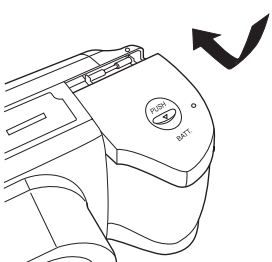
1. Turn the camera upside down.
2. Hold the battery cover lock down and slide the cover out and up to open it.



3 Insert four batteries into the compartment, positioning the + and – ends as shown below.

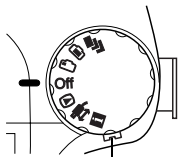


4 Lower the battery cover and slide it in.



Camera Dial Settings

The following table describes camera dial settings. Turn the dial to Off to remove or install batteries or the CompactFlash card. The dial locks in this position. Push in the camera dial lock to change to other settings.

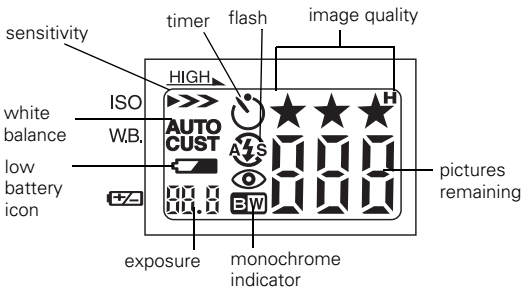


camera dial lock

	Use for continuous or interval shooting to capture a complex motion or to photograph scenes that change over time.
	Take pictures using the LCD screen. You can use the LCD menus to adjust photo settings, such as digital zoom, sensitivity, white balance, and exposure.
	Take pictures with the viewfinder. This setting uses less battery power than taking pictures with the LCD screen.
	Play back or delete your photos and sounds, or lock and unlock photos.
	Print directly from your camera to an EPSON ink jet printer.
	Set up or view camera information and settings.

Status Display Panel

These settings appear on the status display panel:



Status Display Panel Settings

Image Quality Settings		**Flash Setttings**	
★	Standard (640 × 480 pixels)	A	Automatic
★★	Fine (640 × 480 pixels)		Forced Flash
★★★	Super Fine (640 × 480 pixels)		Flash Off
★★★	HyPict (640 × 480 pixels)	s	Slow Synchronized
			Red-eye Reduction
Low Battery Icon Indicates that the camera batteries are low.		**Monochrome Indicator** Indicates that the camera is set to monochrome mode.	

Status Display Panel Settings (Continued)

<table>
<tr>
<td>Sensitivity Settings*

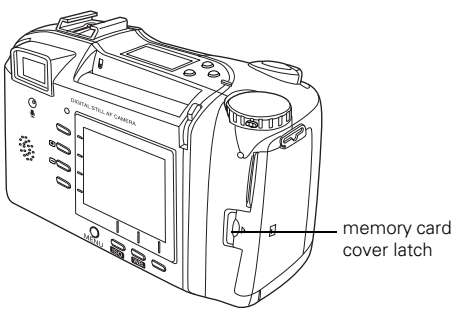
Standard (ISO 100)
High (ISO 200)
Super High (ISO 400)</td>
<td>White Balance Settings*
AUTO Adjusts white balance automatically.
FIX Locks white balance at 5200°K.
CUST Lets you customize white balance.</td>
</tr>
<tr>
<td>Exposure Settings*
Changes exposure setting from - 2.0 to + 2.0 in increments of 0.5 in Program mode and 0.2 in Manual mode.</td>
<td>Timer
If the timer icon appears, the timer is on.</td>
</tr>
<tr>
<td colspan="2">Pictures Remaining
Displays the number of pictures you can still take. This number varies depending on your image quality setting.</td>
</tr>
</table>

* These settings are only available in the Program and Manual user modes. See the inside back cover to set the user mode from FullAuto mode to Program or Manual.

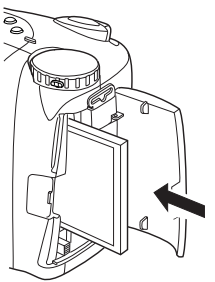
Installing and Formatting the CompactFlash Card

To take photos, your Compact Flash memory card must be installed and formatted. Follow these steps:

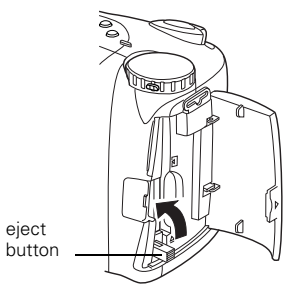
1 Place your thumb or index finger behind the memory card cover latch and pull the cover open.



2 Insert the card all the way into the memory card slot. Make sure the front of the card faces the same direction as the front of the camera, and the arrow on the card points in.

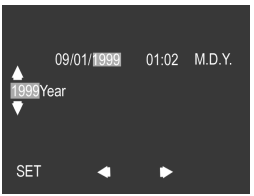


3 As you insert the card, the eject button pops out. Flip the eject button up and close the memory card cover.



4 Turn the camera dial to **i**.

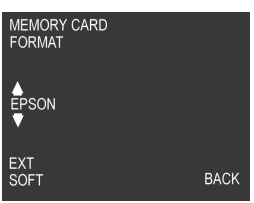
5 If you haven't set the clock yet, you see the clock setting screen with the year highlighted in red.



6 Press the +, –, ISO, and W.B. buttons to change the date and time settings. (For detailed instructions, see your *User's Guide*.)

7 When you're finished, press the bottom left button (next to SET). You see the SETUP menu.

8 Press the bottom right button (under Memory SETUP). The Memory Card Format menu appears:



9 Press the top left button (next to MEMORY CARD FORMAT). You see a warning message. Press the button next to Yes to format the card.

10 When the card is formatted, the camera returns to the Memory Card Format menu. Press the bottom right button (under BACK) to return to the SETUP menu.

Taking Pictures

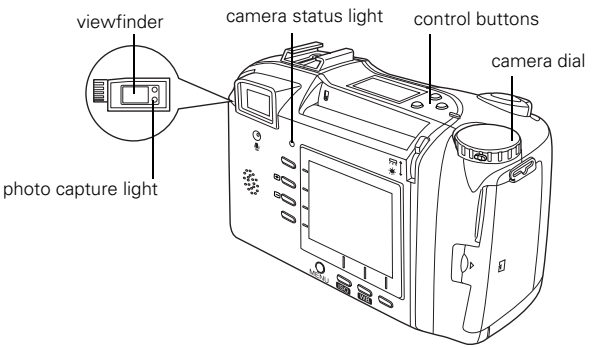
You can take pictures with the viewfinder when you don't need to see the image on the LCD screen; this saves battery power. You can take pictures with the LCD screen to see a preview of how your image will appear and change advanced settings.

NOTE

Before you start taking pictures, you need to make sure the batteries are installed and the CompactFlash card is installed and formatted, as described earlier in this book. You should also choose your user mode. (See the inside back cover for details.) See your User's Guide *for detailed instructions on using camera settings.*

Taking Pictures With the Viewfinder

Use the camera's viewfinder to capture an image as you would with any point-and-shoot auto-focus camera.

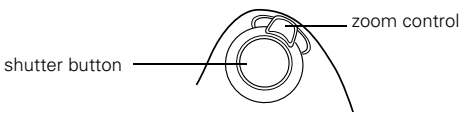


Follow these steps:

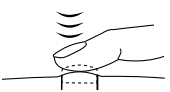
1. Make sure you are at least 20 inches (50 cm) away from your subject.
2. Turn the camera dial to and wait until the photo capture light turns green.
3. Look straight through the viewfinder and center your subject within the cross-hairs.

4 Use the camera's control buttons to change image quality, flash, or other basic settings. (See page 4 for a description of basic camera settings.)

5 Turn the optical zoom control to the left (counter-clockwise) to zoom in on your subject, or to the right (clockwise) to zoom out.



6 Hold the shutter button halfway down to lock the auto focus and exposure.



7 Press the shutter button the rest of the way down to take the picture.

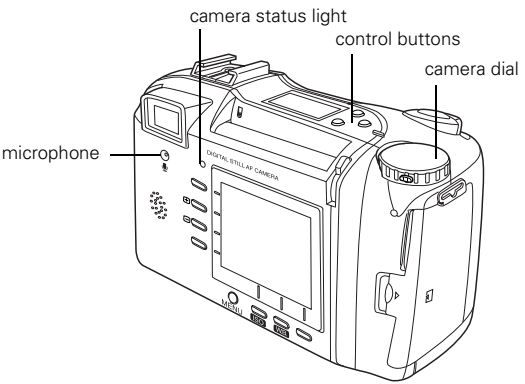
8 Hold the camera still until it clicks, then release the shutter button. When the photo capture light stops flashing, your image is saved.

CAUTION

If you set the camera down while the light is still flashing, do it carefully. The camera may lose your image if you set it down too hard.

Taking Pictures With the LCD Screen

The LCD screen lets you see a live preview of what the camera's lens sees at any moment.



Follow these steps to take a picture using the LCD screen:

1. Make sure you are at least 20 inches (50 cm) away from your subject.
2. Turn the camera dial to to see a live preview with the View menu settings.

This example shows how the LCD screen looks in Full Auto user mode. The screen looks different in Program or Manual mode. (See the inside back cover to change the user mode.)

NOTE

The LCD screen uses up battery power quickly. If it's idle for more than the designated power off interval, the camera turns off automatically. To turn it back on, press the shutter button, or turn the camera dial to **Off** *and then back to* .

3 Make any changes you want to the settings on the View menu. You can also use the camera's control buttons to change image quality, flash, or other basic settings. (See page 4 for a description of basic camera settings.)

4 Push the optical zoom control to the left (counter-clockwise) to zoom in on your subject, or to the right (clockwise) to zoom out.

5 Center your subject on the screen, then press the shutter button halfway down to lock the auto focus and exposure.

You see a green circle ● on the screen when the camera locks the settings.

6 Press the shutter button the rest of the way down to take the picture.

7 Hold the camera still until it clicks. Then release the shutter button.

After a few seconds, you see a confirmation screen.

NOTE
Press the button next to Delete *if you don't want the picture.*

If you've turned recording on, you see a countdown on the screen. During this time, you can record a message into the camera's microphone.

Playing Back Pictures

You can play back pictures if you are taking photos with the LCD screen.

NOTE

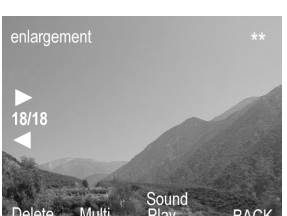
You can also see your pictures in the camera's playback menu, with more options such as displaying a slide show, locking and unlocking photos, recording and deleting sounds. See your User's Guide *for details.*

Follow these steps:

1. Turn the camera dial to ▣.
2. If you are taking pictures in Full Auto or Program mode, press the top left button (next to the ▶ icon).

   If you are taking pictures in Manual mode, press the bottom right button (under Menu Change). From the next menu, press the top left button (next to the ▶ icon).

   You see the quick playback screen displaying the last picture you took:



3 Press the + button (next to the right arrow) to display the earliest picture taken. You can continue pressing the + button to view your pictures in order. Press the – button (next to the left arrow) to move backward through your pictures.

4 Press the bottom right button (under BACK) to return to the previous menu.

Deleting Pictures

If you want to delete images stored on the camera, follow these steps:

1 Follow steps 1 through 3 above to play back your images.

2 When you see the image you want to delete, press the bottom left button (next to Delete).

3 You see a confirmation screen. Click Yes to delete the image.

You can also delete multiple photos or lock and unlock photos for deletion using the camera's playback menu; see your *User's Guide* for instructions.

Tips for Getting Great Pictures From Your Camera

Here are some tips to help you use the camera's settings. Conditions and subjects vary, so these settings may not be exactly right for your specific photograph.

NOTE

This section includes suggested advanced settings that are described in detail in your User's Guide. *Many of these settings can only be changed in Manual or Program mode. (See the inside back cover to change the user mode.)*

If you are taking pictures in bright sunlight:

- Avoid taking pictures while facing the sun.
- Reduce the exposure setting.
- Use a fast shutter speed or smaller aperture setting.
- Use an optional filter with the camera's included lens adapter to cut down on excessive light.
- Use the Solar Assist™ panel to save battery power.

If you are taking pictures when it is cloudy, you might want to adjust your camera settings as follows:

- Increase the exposure setting.
- Try using fixed white balance.

- If the sky has complete cloud cover, you may want to avoid taking landscape photos. Portrait photos and closer shots are better under cloudy conditions.
- If the sky is partly cloudy, you can take landscape photos with interesting cloud formations that look great.

Under fluorescent lighting, you need to counteract the cool, bluish lighting that results. Try the following:

- Use custom or fixed white balance.
- Avoid taking portraits under fluorescents.

To capture beautiful sunsets without losing any of the color or lighting effects, set up the camera as follows:

- Use the fixed white balance setting.
- Adjust exposure settings for different effects.
- Take shots at different times of the sunset to capture the changing colors.

Under low light conditions, it is often difficult to capture a good shot of the background as well as your subject. Try the following:

- Increase the exposure setting.
- Use a wide aperture or slow shutter speed to let in more light.

- Use a higher sensitivity or ISO eqivalent. (A tripod is recommended for higher sensitivity settings.)
- Use the slow synchronized flash setting to light up the background along with the subject.

When you are taking portraits, you should set up your camera so it captures flattering images that make your subject the center of attention:

- Try the spot metering setting. Be sure to center your subject when locking the camera settings with the two-step shutter.
- Use the manual focus setting.
- Be aware of lighting conditions and how they affect the appearance of your subject. Early morning and late afternoon provide flattering light for outdoor portraits.
- Use a tripod.
- Try the Program mode Portrait setting.
- Try to get on the same level as your subject. For children or pets, you can get shots that are more interesting if they are taken from their perspective.

Action shots can be tricky. To get the best results:

- Use a fast shutter speed.

- Pick a good location where you can capture a shot at any moment.
- In Program mode, try the Sports setting.

For all your pictures:

- Don't forget about your optical zoom, black and white, Macro mode, and other specialized settings. You can frame the exact shots you want, reducing the time you might spend adjusting your images later.
- Hold the camera as still as possible and use a tripod if you have one.
- Program mode has great shortcuts for Landscape, Portrait, and Sports images. Try these settings if you're in a hurry or you don't want to make manual camera settings.
- Try using quick shot mode to cut down on processing time. (See your *User's Guide* to turn this on.)
- Don't forget that if you don't like the way a shot comes out, you can erase it.